UTILITY PATENT APPLICATION TRANSMITTAL (Large Entity)

Docket No. YOR9-2000-0014

(Only for new nonprovisional applications under 37 CFR 1.53(b))

Total Pages in this Submission

TO THE ASSISTANT COMMISSIONER FOR PATENTS

		gton, D.C. 20231		09/
Transmitted herewith for filing under 3	5 U.S.C. 111(a)	and 37 C.F.R. 1.53(b)	is a new utility patent application	for an
invention entitled: ALL-IN-ONE MOBILE DOCKING	STATION AND	SYSTEM USED THE	REWITH	
ADL-IN-ONE MODIDE DOCKING			- 	
and invented by:				
Sameh W. Asaad Kevin W	V. Warren			
Nicholas R. Dono Ernest Nelson Mandese				
Bengt-Olaf Schneider				
If a CONTINUATION APPLICATION	, check appropr	iate box and supply th	e requisite information:	
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2. 🗷 Specification having	16	pages and inc	luding the following:	
a. 🗷 Descriptive Title of t	he Invention			
b. Cross References to		ations (if applicable)		
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e. 🗷 Background of the l	nvention			
f. 🗷 Brief Summary of th	e Invention			
g. 🗷 Brief Description of	the Drawings <i>(if</i>	drawings filed)		
h. 🗷 Detailed Description	ı			
i. 🗷 Claim(s) as Classifi	ed Below			
j. 🗷 Abstract of the Disc	losure			

UTILITY PATENT APPLICATION TRANSMITTAL (Large Entity)

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Docket No. YOR9-2000-0014

Total Pages in this Submission

Application Elements (Continued)

3.	X	Drawing(s) (when necessary as prescribed by 35 USC 113)				
	a.	Formal Number of Sheets 4 (Figs. 1a-4)				
	b.	☐ Informal Number of Sheets				
4.	X	Oath or Declaration				
	a.	■ Newly executed (original or copy) □ Unexecuted				
	b.	☐ Copy from a prior application (37 CFR 1.63(d)) (for continuation/divisional application only)				
	C.	With Power of Attorney ☐ Without Power of Attorney				
	d.	<u>DELETION OF INVENTOR(S)</u> Signed statement attached deleting inventor(s) named in the prior application, see 37 C.F.R. 1.63(d)(2) and 1.33(b).				
5.		Incorporation By Reference (usable if Box 4b is checked) The entire disclosure of the prior application, from which a copy of the oath or declaration is supplied under Box 4b, is considered as being part of the disclosure of the accompanying application and is hereby incorporated by reference therein.				
6.		Computer Program in Microfiche (Appendix)				
7.		Nucleotide and/or Amino Acid Sequence Submission (if applicable, all must be included)				
	a.	☐ Paper Copy				
	b.	☐ Computer Readable Copy (identical to computer copy)				
	C.	. Statement Verifying Identical Paper and Computer Readable Copy				
	Accompanying Application Parts					
8.	X	Assignment Papers (cover sheet & document(s))				
9.		37 CFR 3.73(B) Statement (when there is an assignee)				
10.] English Translation Document <i>(if applicable)</i>				
11.	X	Information Disclosure Statement/PTO-1449 Copies of IDS Citations				
12.		Preliminary Amendment				
13.	X	Acknowledgment postcard				
14.		Certificate of Mailing				
		☐ First Class ☐ Express Mail (Specify Label No.):				

UTILITY PATENT APPLICATION TRANSMITTAL (Large Entity)

(Only for new nonprovisional applications under 37 CFR 1.53(b))

Docket No. YOR9-2000-0014

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15. ☐ Certified	d Copy of Priority D	ocument(s) (if fo	oreign priority	is claimed)		
16. 🗋 Addition	16. Additional Enclosures (please identify below):					
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APPLICATION FOR UNITED STATES LETTERS PATENT

APPLICANT:

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FOR:

ALL-IN-ONE MOBILE DOCKING

STATION AND SYSTEM USED

THEREWITH

DOCKET NO.:

YOR9-2000-0014

ALL-IN-ONE MOBILE DOCKING STATION AND SYSTEM USED THEREWITH

CROSS-REFERENCE TO RELATED APPLICATIONS

	The present application relates to U.S. Patent Application Serial No/, filed on
	, to Sameh Asaad et al., entitled "METHOD AND SYSTEM FOR HIGH
	RESOLUTION DISPLAY CONNECT THROUGH EXTENDED BRIDGE", having IBM
	Docket No. YOR9-2000-0175US1, and to U.S. Patent Application Serial No/, filed
	on, to Sameh Asaad et al., entitled "METHOD AND SYSTEM FOR
)	TRANSPORTING SIDEBAND SIGNALS THROUGH PHYSICAL LAYER OF EXTENDED
	BRIDGE", having IBM Docket No. YOR9-2000-176US1, and to U.S. Patent Application Serial
	No/, filed on, to Sameh Asaad et al., entitled
	"COMMUNICATIONS SYSTEM INCLUDING SYMMETRIC BUS BRIDGE AND METHOD
	USED THEREWITH", having IBM Docket No. YOR9-2000-184US1, and to U.S. Patent
	Application Serial No/, filed on, to Sameh Asaad et al., entitled
	"SYSTEM AND INTELLIGENT DOCK USING A SYMMETRIC EXTENDED BUS BRIDGE
	AND METHOD THEREFOR" having IBM Docket No. YOR9-2000-0015, each of which is
	incorporated herein by reference.

BACKGROUND OF THE INVENTION

Field of the Invention

The present invention generally relates to a mobile docking station, and more particularly to a mobile docking station which increases the ease of use and efficiency of a mobile computer coupled thereto.

Description of the Related Art

In the modern office and home environment, desk space is at a premium. Increasing numbers of computer users require their computing power and data while in the office, at home and while traveling. Mobile computers provide the means to have the computing power and data move with the user. However, simultaneously computer users have come to expect the high resolution displays offered by today's desktop monitors and the ease of use of a full-size keyboard and pointing device (e.g., a mouse), typically found in the desktop environment.

Hitherto the present invention, such mobile computer offerings have been deficient in efficiency, ease of use, performance, overhead, etc.

For example, some systems require maintaining a separate computer for each use. As a result, it is expensive and time-consuming to keep multiple copies of important applications and data up to date and synchronized. Many users solve the problem by using a single mobile unit for all modes of usage connecting to docking stations and port replicators for access to full-sized

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monitors and keyboards while at home and the office. However, existing docking solutions are cumbersome, and still require too much desk space (e.g., a large footprint).

Additionally, known prior hardware and software which may perhaps perform a similar function (e.g., an all-in-one-computer design) incorporate the electronics and covers of a conventional desktop computer onto the back of a flat panel LCD display. However, these models are integrated into a common design package and cannot be separated from the display for mobile use.

SUMMARY OF THE INVENTION

In view of the foregoing and other problems of the conventional methods and structures, an object of the present invention is to provide a combined mobile and desktop computing system which is easy to use and which is efficient.

Another object is to provide a mobile docking station with a high-resolution display, a full-size keyboard and pointing device (e.g., a mouse).

Yet another object is to provide a mobile docking station in which a mobile computer can be detached from the structure of a flat panel LCD display.

In a first aspect of the present invention, a docking station for a mobile computer, includes a dock housing coupled to a desktop display and including a first bus, and a bridge coupled between the first bus and a second bus, the first bus residing in the dock housing, and the second bus for being coupled to the mobile computer.

In a second aspect, a communication system, includes a mobile computer including a central processing unit (CPU), an input/output (I/O) bus and a graphics adaptor, a desktop display

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panel for being operatively coupled to the mobile computer, a pointing device for providing inputs for display on the display panel, a dock for mating with the mobile computer over the input/output (I/O) bus to drive the graphics adaptor and the panel along with the pointing device, the computing power being provided by the mobile CPU with access to the user's data from the mobile computer.

In a third aspect, a computer system, includes a mobile computer having an adaptor, a docking station for receiving the mobile computer, a bridge having a first side coupled to the mobile computer and a second side linked to the docking station, and a flat panel display formed with the docking station for being coupled to the mobile computer via the docking station, the adaptor of the mobile computer using a serial or parallel connector to mate the two sides of the bridge.

With the unique and unobvious aspects of the present invention, a desktop station can dock mobile computers (e.g., laptops, palmtops, devices having the size and functionality of the IBM ThinkPad®, etc.) to a flat panel display with a keyboard and a mouse. The combined mobile unit and dock provide a desktop "all-in-one" design that minimizes the desktop footprint and at the same time combines the power of today's mobile units with the high resolution characteristics of a large screen liquid crystal display (LCD) utilizing full input/output (I/O) bus bandwidth.

Hence, the all-in-one design of the present invention combines the typical desktop computer and the flat panel LCD display to provide a small footprint computer. Further, by replacing the integrated desktop computer components with a docking bay (e.g., a sleeve) and an I/O bus docking connector, a docking station is preferably and exemplarily created with a flat panel LCD display, a digital video interface (DVI) graphics adaptor, a keyboard and a mouse.

Thus, the present invention provides a high performance, low-overhead solution to users

desiring mobile computing power while at home, office, or during travel. That is, with the invention, there is no need to maintain a separate computer for each use, thereby avoiding the expense and time consumed in maintaining multiple copies of important applications and data up to date and synchronized. Further, the invention is sleek, has a minimal form factor, and requires a minimum of desk space. Additionally, the all-in-one design of the invention is integrated into a common design package and can be easily and quickly separated from the display for mobile use.

BRIEF DESCRIPTION OF THE DRAWINGS

The foregoing and other purposes, aspects and advantages will be better understood from the following detailed description of a preferred embodiment of the invention with reference to the drawings, in which:

Figure 1(a) illustrates a peripheral component interconnect (PCI)-to-PCI bus bridge 100;

Figure 1(b) illustrates an extended serial bridge110;

Figure 1(c) illustrates an extended parallel bridge 120 separating the two sides of the bridge using parallel connectors;

Figure 1(d) illustrates an extended bridge 130 separating the two sides of the bridge using a serial communications layer;

Figure 2 illustrates a mobile computer 210 connected to a monitor (e.g., LCD) dock 225 via a serial connector 225;

Figure 3(a) illustrates a flat panel LCD and its small footprint base, and Figure 3(b) illustrates schematically the LCD and base; and

Figure 4 illustrates an alternative design with a dock in a base of a display along with an

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additional device to store additional applications and data for the desktop modality.

DETAILED DESCRIPTION OF PREFERRED EMBODIMENTS OF THE INVENTION

Referring now to the drawings, and more particularly to Figures 1(a)-4, there are shown preferred embodiments of the method and structures according to the present invention.

PREFERRED EMBODIMENT

Turning to Figure 1(a), a peripheral component interconnect (PCI)-to-PCI bus bridge 100 is shown which is a PCI standard architectural component and illustrates a conventional bus bridge between a primary bus 101 and a secondary bus 102.

Figure 1(b) illustrates an extended serial bridge 110 which separates the two sides of a bridge 110 using either parallel connectors or with a serial communications layer 115.

Figure 1(c) illustrates an extended parallel bridge 120 using parallel connectors 125, whereas Fig. 1(d) illustrates an extended serial bridge 130 using the serial communications layer 135.

The serial communications layer 135 uses a high bandwidth, low latency serial link, commensurate with the PCI standard's requirements. One side of the separated bridge is placed on a primary bus (e.g., 111, 121, 131), while the other is implemented on a secondary bus (e.g., 112, 122, 132) or bus extension.

A converter (e.g., parallel/serial converter) takes the parallel bus data into a serial stream

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and back for the communication layer. Such a parallel/serial converter is believed to be well-known and is the subject of other patents and for brevity will not be discussed further hereinbelow. This serial stream can be supported on four wires or pins, as opposed to the typical 49 or more wires of the bus in the conventional arrangement. The system of the invention is not aware of the separation, and thus the separation is transparent to the system and user. Most standard adaptors can be driven off the secondary bus. The Extended bridge concept is not limited to the PCI architecture but can be used to support other bus standards as well (e.g., Microchannel or Accelerated Graphics Port (AGP).

A standard mobile computer can be mated to a dock using either of the above-described serial connection (Fig. 1(d)) or parallel connection (Fig. 1(c)) providing a high bandwidth path (e.g., 133 Mbytes/second) over a standard I/O bus to drive the graphics adaptor and LCD panel along with an input/pointing device (e.g., a mouse) and keyboard. Computing power is provided by the mobile computer's central processing unit (CPU) with access to the user's data from the mobile unit's disk drives. I/O attachments (e.g., a digital video disk (DVD) and the like) can be provided on the mobile unit or over the dock's attached I/O bus.

Turning to Figure 2, an exemplary system 200 according to the present invention is shown which is an implementation of the configuration of Figure 1(d). In the extended bridge of Figure 2, a mobile computer 210 is attachable/connectible to a dock 220. The dock is formed for example, on a Flat Panel LCD display 225 (e.g., a rear, non-viewing side or a base thereof) and its high resolution adaptor 230 using a serial connector 235 (as shown) (or a parallel connector not shown in Figure 2, but shown in Figure 1(c)) to mate the two halves 240A, 240B of the extended bridge. In the case of Figure 2, the computer 210 may be attachable to a side (e.g., a rear side) of the flat panel display 225 to provide a sleek form factor.

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In Figure 2, a first side 240A of the separated bridge is placed in the dock 220, while the other is implemented in the mobile computer unit 210. In the exemplary configuration, the mobile unit's bus is the primary bus and the extended bus in the dock 220 acts as the secondary bus. The dock's secondary bus can drive standard adaptors to supply high resolution graphics, SCSI disk drives and other devices commonly found in desktop systems.

Turning to Figure 3a, a flat panel LCD 300 (similar to LCD 225 of Figure 2) and its small footprint base 305 are shown. The LCD 300 and base are also shown schematically in Figure 3b. The mobile unit (e.g., 210 from Figure 2) is slidably fitted into a docking sleeve 310 of the LCD panel 300, and mates with the serial connector as shown for the dock's secondary bus. The communications link can be supported with much fewer wires (and therefore fewer pins) in the connectors than conventional docking station bus parallel connectors. In principle, conventional docks could also take advantage of a serial bridge. However, the all-in-one mobile dock of the invention is more advantageous because of the low-insertion force required.

As a result, mating the mobile unit 210 to the dock 220/docking sleeve 310 is much easier since less force is required using a small connector. In addition, routing the serial link wiring around the back of the LCD electronics as in the invention is simpler than routing the many wires needed to support a bus (e.g., typically 49 wires or more) directly.

Further, the electromagnetic coupling (EMC) emissions from the serial link are also considerably less than the conventional bus and will avoid unwanted interference with the LCD panel electronics. The high resolution video adaptor is connected to the I/O bus and housed in the base. Preferably, provisions (e.g., PS/2 mouse and keyboard jacks/ports or a USB connector) in the base of the flat panel LCD display allow for easy connection of a keyboard and mouse. Since the full I/O bus is available in the base, other convenience devices such as compact disk drives

(CD) or a DVD drive can be included.

For the all-in-one dock to accommodate a variety of mobile computer widths, the dock sleeve preferably is field-mountable (e.g., mountable by the end-user such that different sleeves can be optionally adapted to different laptops) on the back of the all-in-one display and base. For example, the docking sleeve's width, height, and/or length/depth can be adjusted (or preferably the docking sleeve can be replaced) to accommodate different-sized devices. Then, the sleeve or docking mechanicals can be varied for each unit and installed by the user in the field.

Preferably, the docking sleeve has a clip-on or easy "bolt on" component with some variation for the position of the bridge connector and open slots to gain access to whatever ports might not be replicated in the display and base. Hence, preferably, each mobile unit model would have its own dedicated docking sleeve that attaches to the common all-in-one display and base unit of the invention.

As shown in Figure 4, instead of attaching the mobile unit to a side (e.g., rear side) of the display 300 (225), an alternative design 400 uses the base 410 for the mobile attachment point.

Conceptually, the "sleeve" described above is moved to the base 410.

Thus, Figure 4 illustrates the alternative design with the dock in the base along with an additional device 420 (e.g., a disk drive, etc.) to store additional applications and data for the desktop modality. This design is advantageous in housing the dock and more docking components in the base, and avoiding any changes to the standard flat panel LCD design. To accommodate a variety of docking mechanicals made necessary by today's lack of port placement standards, the base may be constructed in a modular fashion to house different mobile units and a varying number of additional devices to meet individual desktop requirements.

Additionally, many mobile units run their CPUs at reduced CPU power (e.g., millions of

instructions per second (MIPs)) to extend time needed between battery charges and to lower the heat generated within the unit. Indeed, such heat is typically passively dissipated through, for example, the keyboard or other areas of the mobile computer. Typically, the CPU power is increased when the mobile unit is connected to AC power lines, but is still limited by concerns for thermal overheating.

To alleviate the thermal heating issue, as shown in Figure 4, the design of the all-in-one dock preferably accommodates forced cooling using fan(s) 430 in the dock to blow air into and around the docked mobile unit, thereby further increasing the available CPU (MIPs) power on the desktop.

With the unique and unobvious structure of the present invention, a desktop station is provided for docking mobile computers (e.g., laptops, etc.) to a flat panel with keyboard and mouse. The combined mobile unit and dock provide a desktop "all-in-one" design that minimizes the desktop footprint and at the same time combines the power of today's mobile units with the high resolution characteristics of a large screen liquid crystal display (LCD) utilizing full input/output (I/O) bus bandwidth. Thus, the inventive all-in-one design combines the typical desktop computer and the flat panel LCD display to provide a small footprint computer on a desktop work-space. Indeed, the invention is sleek and requires a minimum of desk space.

By replacing the integrated desktop computer components with a docking bay (sleeve) and I/O bus docking connector, a docking station is created preferably with flat panel LCD display, a DVI graphics adaptor, keyboard and mouse.

Thus, the present invention provides a high performance, low-overhead solution to users desiring mobile computing power. With the invention, there is no need to maintain a separate computer for each use, thereby avoiding the expense and time consumed in maintaining multiple

copies of important applications and data up to date and synchronized. Additionally, the all-inone design of the invention is integrated into a common design package and can be separated from the display for mobile use.

While the invention has been described in terms of several preferred embodiments, those skilled in the art will recognize that the invention can be practiced with modification within the spirit and scope of the appended claims.

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What is claimed is:

- 1. A docking station for a mobile computer, comprising:
- a dock housing for being coupled to a desktop display and including a first bus; and a bridge coupled between said first bus and a second bus, said first bus residing in said dock housing and said second bus for being coupled to the mobile computer.
- 2. The station according to claim 1, wherein said bridge comprises a serial bridge which separates two sides of the bridge using a parallel connector.
- 3. The station according to claim 1, wherein said bridge comprises a serial bridge which separates two sides of said bridge using a serial communications layer.
- 4. The station according to claim 1, wherein one of said first and second busses comprises a primary bus and the other of said first and second busses comprises a secondary bus and wherein said bridge comprises a separated bridge such that a first side of the separated bridge is placed on said primary bus, and a second side of said separated bridge is implemented on said secondary bus or a bus extension.
- 5. The station according to claim 3, further comprising a converter for converting a parallel bus data into a serial stream and back for the serial communications layer.

- 6. The station according to claim 5, wherein the serial stream is supported on no more than four wires.
- 7. The station according to claim 5, wherein the serial stream is supported on four pins.
- 8. A communication system, comprising:
 - a mobile computer including an input/output (I/O) bus;
- a desktop display panel, including a graphics adaptor, for being operatively coupled to said mobile computer;
 - a pointing device for providing inputs for display on said panel; and
- a dock for mating with the mobile computer using a connection over said I/O bus to drive the graphics adaptor and the panel along with the pointing device,
- wherein computing power is provided by said mobile computer with access to the user's data from the mobile computer.
- 9. The system according to claim 8, wherein said connection comprises one of a serial connection and a parallel connection over said I/O bus.
- 15 10. A computer system, comprising:
 - a mobile computer;
 - a docking station for receiving said mobile computer;
 - a separated bridge having a first side coupled to said mobile computer and a second side

coupled to said docking station; and

a flat panel display coupled to said docking station and for being attached to said mobile computer via said docking station, said first and second sides of said separated bridge being mated by one of a serial connector and a parallel connector.

- 5 11. The system according to claim 10, wherein said first side of the separated bridge is placed in said mobile computer and the second side is placed in said docking station.
 - 12. The system according to claim 11, wherein a bus of the mobile computer comprises a primary bus and an extended bus in said docking station functions as a secondary bus, and wherein said secondary bus drives adaptors for peripheral components including any of a high resolution graphics component and a disk drive.
 - 13. The system according to claim 10, wherein said docking station comprises a base of said flat panel display.
 - 14. The system according to claim 12, wherein said docking station includes a docking sleeve, and said mobile computer is slidably fitted into said docking sleeve and mates with a connector for the dock's secondary bus, and

wherein a base of the flat panel display is selectively connected to an input device and a pointing device,

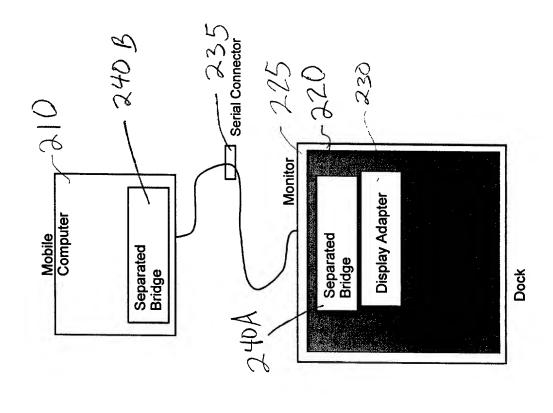
a video adaptor of the display being connected to an input/output (I/O) bus and housed in the base.

- 15. The system according to claim 14, wherein said input/output (I/O) bus is positioned in said base, further comprising at least one of a compact disk drive (CD) and a digital video disk (DVD) drive coupled to said I/O bus in said base.
- 5 16. The system according to claim 10, wherein dimensions of said docking station are selectively adjustable to accommodate a variety of different sized mobile computers.
 - 17. The system according to claim 10, wherein said flat panel display includes a base, said base for attaching said mobile computer to said display.
 - 18. The system according to claim 17, wherein said docking station is mounted on said base, said base including a peripheral device for storing an additional application and data for when said mobile computer is used in a desktop mode.
 - 19. The system according to claim 14, wherein said base comprises a modular component of said display.
 - 20. The system according to claim 10, further comprising: a cooling fan formed in said docking station.
 - 21. The system according to claim 18, further comprising: a cooling fan formed in said base.

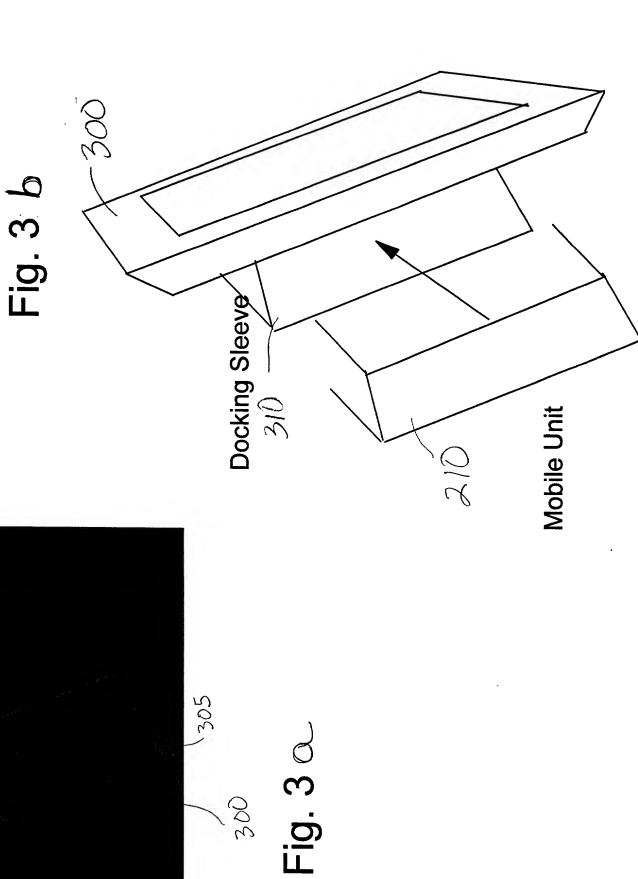
ALL-IN-ONE MOBILE DOCKING STATION AND SYSTEM USED THEREWITH

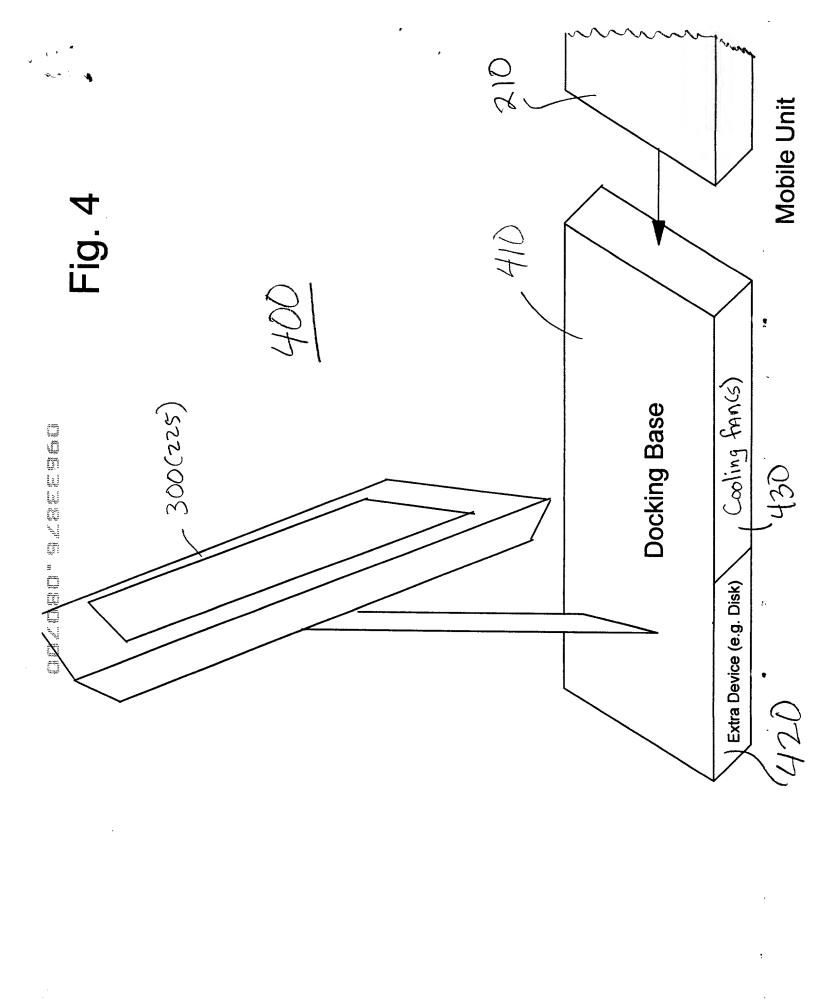
ABSTRACT OF THE DISCLOSURE

A computer system, includes a mobile computer, a docking station for receiving the mobile computer, a bridge having a first side coupled to the mobile computer and a second side coupled to the docking station, and a flat panel display formed with the docking station for being coupled to the mobile computer via the docking station. The docking station includes a dock housing coupled to a desktop display and including a first bus, and a bridge coupled between the first bus and a second bus, the first bus residing in the dock housing and the second bus for being coupled to the mobile computer.



Flg. 2





IBM Docket No.: YOR9-2000-0014

James And the control of the control

DECLARATION AND POWER OF ATTORNEY

As a below named inventor, I hereby declare that:

Post Office Address: Same as Residence

My residence, post office address and citizenship are as stated below next to my name; I believe I am the original, first and sole inventor (if only one name is listed below) or an original, first and joint inventor (if plural names are listed below) of the subject matter which is claimed and for which a patent is sought on the invention entitled: ALL-IN-ONE MOBILE DOCKING STATION AND SYSTEM USED THEREWITH

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	is attached hereto. was filed on	, as Application Serial No.	and v	was amended on
	ate that I have reviewed and u t referred to above.	nderstand the contents of the above i	dentified specification, inclu	ding the claims, as amended by any
	dge the duty to disclose informgulations, § 1.56.	nation which is material to the pater	tability of this application in	n accordance with Title 37, Code of
listed below	aim foreign priority benefits un w and have also identified bel on which priority is claimed:	der Title 35, United States Code, § 1 ow any foreign application for pater	19 of any foreign application at or inventor's certificate ha	(s) for patent or inventor's certificate aving a filing date before that of the
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matter of e	each of the claims of this applic 5, United States Code, § 112 as, § 1.56 which occurred bet	ation is not disclosed in the prior Unit	ed States application in the me e material information as d	sted below and, insofar as the subject nanner provided by the first paragraph efined in Title 37, Code of Federal PCT international filing date of this
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to be true;	and further that these stateme	ints were made with the knowledge the tion 1001 of Title 18 of the United St	iar willful false statements ai	on information and belief are believed nd the like so made are punishable by all false statements may jeopardize the
and Trade 26,914, Ed Douglas V C. Kaufm	mark Office connected therewidward A. Pennington, Registrat V. Cameron, Registration No. 3 ann, Registration No.29,551, I ann No. 32,835, Paul J. Otterster	th: We hereby appoint Manny Schecte ion No. 32,588, John E. Hoel, Registra 1,596, Wayne L. Ellenbogen, Registration No. 32	r, Registration No.31,722, Cl ation No. 26,279, Joseph C. R ion No. 43,602, Louis P. Herz 053, Louis J. Percello, Regi Trepp, Registration No. 25,9	and transact all business in the Patent hristopher A. Hughes, Registration No. Redmond, Jr., Registration No. 18,753, berg, Registration No. 41,500, Stephen istration No.33,206, David M. Shofi, 33, and Lauren Bruzzone, Registration k Office connected therewith.
	correspondence to: Sean M. M. r. No. 21254	cGinn, McGinn & Gibb, P.C., 170	01 Clarendon Boulevard, S	uite 100, Arlington, Virginia 22209.
Telephon	e calls should be directed to S	ean M. McGinn, McGinn & Gibb, P	.C. at (703) 294-6699.	
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	Residence: 88 Breckenridge	Road, Mahopac, NY 10541		ν ,
	Citizenship: Egypt			

Post Office Address: Same as Residence

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